

## **Masters of Science in Systems Engineering (MSSE)**

### **Space Systems Focus with Certificate ^^^**

**SPRDE level III courses \*\*\* :SE Core courses ###**

**VTE classes held on Tuesdays 0730-1030 and 1100-1400 (Pacific)**

#### **QTR 1- Fall AY05: 28 Sep - 14 Dec 2004**

##### **Course**

\*\*\* MN3221- Principles of Systems Acquisition & Program Mgmt- I ###

\*\*\* SI4007 - Fundamentals of Systems Engineering ###

##### **Faculty**

Dave Matthews, BPP  
SE

#### **QTR 2- Winter AY05: 11 Jan - 22 Mar 2005**

##### **Course**

\*\*\* MN3222- Principles of Systems Acquisition & Program Mgmt- II ###

\*\*\* SI4008 - Systems Engineering & Integration ###

##### **Faculty**

Dave Matthews, BPP  
SE

#### **QTR 3- Spring AY05: 29 Mar - 14 Jun 2005**

##### **Course**

\*\*\* SI4009 - Systems Architecture for Systems Engineering ###

^^^ SS3011- Space Technology and Applications (ONLINE)

**NPS- Military Systems Engineering Fundamentals Certificate Award**

##### **Faculty**

SE  
IS

#### **QTR 4- Summer AY05: 12 July - 20 Sep 2005**

##### **Course**

OS4680- Naval Systems Analysis ###

^^^ IS3502- Introduction to Information Systems Networks (ONLINE)

##### **Faculty**

OR  
IS

#### **QTR 5- Fall AY06: 27 Sep - 13 Dec 2005**

##### **Course**

SI3011- Eng Economics and Cost Estimation ###

^^^ SS3613- Military Satellite Communications (ONLINE)

##### **Faculty**

Diana Angelis, DRMI  
IS

#### **QTR 6- Winter AY06: 3 Jan - 21 Mar 2006**

##### **Course**

SI0810- Capstone Design Project- Requirements Generation ###

^^^ PH3502- Physics of Space and Airborne Sensor Systems (ONLINE)

**NPS- Military Systems Engineering Integration Certificate Award**

##### **Faculty**

IS/SE  
IS

#### **QTR 7- Spring AY06: 28 Mar - 13 Jun 2006**

##### **Course**

SI0810- Capstone Design Project- Synthesis of Alternatives ###

^^^ OC2902- Fundamentals of Geospatial Information & Services (ONLINE)

**NPS- Space Systems Certificate Award**

##### **Faculty**

IS/SE  
IS

#### **QTR 8- Summer AY06: 11 July - 19 Sep 2006**

##### **Course**

SI0810-Capstone Design Project- Concept Definition ###

^^^ Additional Space Systems Course (ONLINE) or

OS3401- Human Factors Systems Engineering

**NPS Graduation- Master of Science in Systems Engineering**

##### **Faculty**

IS/SE  
IS  
OR